

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-013037

(43)Date of publication of application : 14.01.1997

(51)Int.Cl.

C09K 21/02
C09K 21/10
C09K 21/14
D06M 11/32
D06M 13/342
D06M 23/12
D21H 21/34

(21)Application number : 07-187692

(71)Applicant : NIPPON CARBIDE IND CO INC

(22)Date of filing : 03.07.1995

(72)Inventor : GOTO SHIGERU
OSHINO SHINICHI
MASUKO ICHIIHIRO
MASUDA HIROSHI
SERIZAWA HIROSHI

(54) CAPSULED FLAME RETARDANT COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a water-insol. granular flame retardant which exhibits an excellent flame retardant at a low loading without detriment to base material by capsuling a water-sol. component contg. a flame retardant with a coating agent.

SOLUTION: A water-insol. granular flame retardant is obtd. by capsuling a water-sol. component contg. a flame retardant with a coating agent. Examples of the flame retardant are an inorg. acid, an ammonium salt, a guanidine salt, and a metal salt; pref. examples are sulfamic acid, sulfuric acid, boric acid, ammonium sulfamate, ammonium sulfate, and ammonium phosphate. The coating agent is pref. based on a polyamide resin, a methacrylic resin, a styrene- methacrylic resin, a styrene resin, or an acrylic resin. Thus, a water-insol. granular flame retardant is obtd. by coating a composition imparting retardancy with a coating agent by a chemical or physicochemical method.

LEGAL STATUS

[Date of request for examination] 28.03.2000

[Date of sending the examiner's decision of 09.11.2004

rejection]

[Kind of final disposal of application other than
the examiner's decision of rejection or
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]